

Primary Contact  Submitter (I officerol)  Company  Address  Email  Phone Fax  Collect Reference  Additional Client Ref  Counter No  Contract No  Con						Private I	•		05 New Zealand				mail@hill-labs.co.nz www.hill-labs.co.nz								
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Sample Identification  Description  Sample Source e.g. paddock, trucks, slage/baleage only)  Sample Identification  Description  Sample Source e.g. paddock, trucks, slage/baleage only)  Silage ExtSil  Silage/FA  Silage (ph, Dry Matter, Crude Protein, Crude Fat, Ash, Soluble Sugars, Starch, ADF, NDF, Lignin, Metabolisable Energy, Digestibility, Lectic Acid, Ammonium N/Total N), ExtSil (Silage profile plus major Acids), DMME (Dry Matter, Crude Protein, Crude Fat, Ash, Soluble Sugars, Starch, ADF, NDF, Lignin, Metabolisable Energy), DMME (Dry Matter, Crude Protein, Crude Fat, Ash, Soluble Sugars, Starch, ADF, NDF, Lignin, Metabolisable Energy), DMME (Dry Matter, Crude Protein, Crude Fat, Ash, Soluble Sugars, Starch, ADF, NDF, Lignin, Metabolisable Energy), DMME (Dry Matter, Crude Protein, Crude Fat, Ash, Soluble Sugars, Starch, ADF, NDF, Lignin, Metabolisable Energy), DMME (Dry Matter, Crude Protein, Crude Fat, Ash, Soluble Sugars, Starch, ADF, NDF, Lignin, Metabolisable Energy), DMME (Dry Matter, Crude Protein, Crude Fat, Ash, Soluble Sugars, Starch, ADF, NDF, Lignin, Metabolisable Energy), DMME (Dry Matter, Crude Protein, Crude Fat, Ash, Soluble Sugars, Starch, ADF, NDF, Lignin, Metabolisable Energy), DMME (Dry Matter, Crude Protein, Crude Fat, Ash, Soluble Sugars, Starch, ADF, NDF, Lignin, Metabolisable Energy), DMME (Dry Matter, Crude Protein, Crude Fat, Ash, Soluble Sugars, Starch, ADF, NDF, Lignin, Metabolisable Energy), DMME (Dry Matter, Crude Protein, Crude Fat, Ash, Soluble Sugars, Starch, ADF, NDF, Lignin, Metabolisable Energy), DMME (Dry Matter, Crude Protein, Crude Fat, Ash, Soluble Sugars, Starch, ADF, NDF, Lignin, Metabolisable Energy), DMME (Dry Matter, Crude Protein, Crude Fat, Ash, Soluble Sugars, Starch, ADF, NDF, Lignin, Metabolisable Energy), DMME (Dry Matter, Crud		Cobalt, Seleniu	ım + Chloride -	+ Crude Protein	+ ME)	]									- 37//						
Sample Identification  Description  Descript			)			Profiles	are outl	ned belo	ow, and	on the rev	erse of	f this	sheet			F	Please in	idicate y	our reque	sted tests w	ith a 🗸
Sample Identification  Description  Descript						•						Silage	je	Silage S	Silage + Vola	ile file Dry Ma	Dry ter Matte	er	Feed	e.g.	
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Metabolisable Energy, Digestibility) - select between NIR analysis ÖR Wet Chemistry only (Price Impact).	Feedstuff	Silage/Baleage	Silage (pH, E & trace eleme	Ory Matter, Crude ents incl Cl), <b>Sil</b> a	e Protein, Cru ngeVFA (Silag	de Fat, Asi ge profile p	h, Soluble lus Acetic	Sugars, S Butyric, I	tarch, Al	DF, NDF, Lign and Formic	in, Meta Acids), <b>L</b>	bolisa DMME	able En E (Dry I	ergy, Dige Matter, Cru	stibility, La ıde Proteir	ctic Acid, .	Ammoniu ility, Meta	m N/Total bolisable	N), ExtSil Energy), DI	(Silage profile   M (Dry matter o	olus major only)
NR. Please advise laboration if hazardays substances possibly present in	Profiles:	Meals	DMME (Dry II Metabolisable	Matter, Crude Pr e Energy, Digest	otein, Digestib ibility) - select	bility, Metab t between I	oolisable E NIR analys	nergy), <b>D</b> i is <b>OR</b> We	<b>M</b> (Dry n t Chemi:	natter only), <b>C</b> stry only (Pric	<b>pdFeed</b> e Impac	<b>d</b> (Dry t).	Matter	Crude Pr	otein, Cru	de Fat, As	h, Soluble	e Sugars,	Starch, ADI	, NDF, Lignin,	
ADDITIONAL INSTRUCTIONS  NB. Please advise laboratory if hazardous substances possibly present in samples.  Please supply more of: (specify quantities required)	ADDITION	IAL INST	RUCTIO	ONS		advise labo	oratory if h	azardous	substan	ces possibly p	resent i	in	F	lease s	upply m	ore of:		(sp	ecify <u>qua</u>	ntities requir	red)
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PLEASE SIGN

Signature

Other

Date

NALYSIS REQUE

0508 HILL LAB (44 555 22)

**6** +64 7 858 2000

R J Hill Laboratories Limited

28 Duke Street Frankton 3204

KB Item: 6364 Version: 20

Hill Laboratories terms of trade can be viewed on our website. Submission of samples on this analysis request form implies acceptance of those terms.

# **SAMPLING INSTRUCTIONS**

Interpretation of test data depends on the sample being taken (sampled) in the recommended manner. These notes will help to ensure that this is done. More detailed guides for specific crops are available on our website under **Crop Guides**. **Please advise laboratory if hazardous substances possibly present in/on samples** 

#### Feed:

- Collect forage or silage sample representative of the feed source.
- 2. Take approximately 500g-1kg and place in Feed sample bag, seal and identify clearly with permanent marker pen.
- 3. Carefully check that you have filled in the request form, then promptly despatch to the laboratory. Send samples to laboratory as soon as possible after collection, or keep chilled overnight if necessary.

Feed quality tests will be analysed using NIRS technology with automatic test notation if statistical prediction outliers exist. Reference method (wet chemistry) tests are available upon request.

### **TEST SELECTIONS**

See Crop Guides on website www.hill-laboratories.com

**Note:** Soil and Plant testing will incur a sample preparation fee if the basic test is not requested.

### Pasture/Forage (500g minimum required)

Profile Name [Profile Code]	Tests Reported						
	Dry Matter, Crude Protein, Acid Detergent Fibre (ADF), Neutral Detergent Fibre (NDF), Lignin, Soluble Sugars, Starch, Ash, Crude Fat, Digestibility (DOMD) and Metabolisable Energy (ME)						
Feed + Majors Profile [FeedMaj]	Feed + Phosphorus, Sulphur, Calcium, Magnesium, Potassium, Sodium and Chloride						
Extended Feed Profile [ExtFed]	Feed + Mixed Pasture Profile						
Dry Matter, CP + ME [DMME]	Dry Matter, Crude Protein and Metabolisable Energy (ME)						
	Nitrogen, Phosphorus, Sulphur, Potassium, Calcium, Magnesium, Sodium, Iron, Manganese, Copper, Zinc, Boron, Molybdenum, Cobalt, Selenium, Chloride, Crude Protein and Metabolisable Energy (ME)						
Additional tests	e.g. Nitrate-N, Iodine, DCAD, Soluble Sugars, Starch, Crude Protein, Lignin						

#### Silages (1kg minimum required)

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Profile Name [Profile Code]	Tests Reported							
Silage Profile (fermented forage only) [Silage]	Dry Matter, Crude Protein, Soluble Sugars, Starch, Ash, Acid Detergent Fibre (ADF), Neutral Detergent Fibre (NDF), Lignin, Crude Fat, Digestibility (DOMD), Metabolisable Energy (ME), pH and Ammonium N (as % Total N) and Lactic Acid							
Extended Silage Profile (fermented forage only) [ExtSil]	Silage Profile + Nitrogen, Phosphorus, Sulphur, Potassium, Calcium, Magnesium, Sodium, Chloride, Iron, Manganese, Copper, Zinc, Boron, Molybdenum, Cobalt, Selenium							
Silage + Volatile Fatty Acid Profile [SilageVFA]	Silage Profile + Acetic, Butyric, Propionic and Formic Acids							
Dry Matter, CP + ME [DMME]	Dry Matter, Crude Protein and Metabolisable Energy (ME)							

## Other Tests (500g minimum required)

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Dry Matter only [DM]	All Feeds
	Dry Matter, Crude Protein, Ash, ADF, NDF, Soluble Sugars, Starch, Crude Fat, DOMD, ME. Wet Chemistry testing for Compound Feeds can be requested instead of NIR, at an additional cost.  Please contact the laboratory to confirm suitability of tests for sample type.
Additional tests	Starch, Crude Fat, Chloride, Lignin

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